Land Cover Status: FAILED
Posted by avogl - 2009/03/29 02:22

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Hello,
I am using AGWA 2.0 on ArcGIS 9.3
When attempting to run the Land Cover and Soils Parameterizer I get the error message "Land Cover Status: FAILED" very quickly after process starts. It goes by very fast but the last message I can see is "Land Cover Status: " and then the error appears.
I am using a 30m USGS DEM (filled), flow direction and accumulation grids were created using AGWA. Soils layer is SSURGO (shapefile) and completely covers the watershed. Land Cover data is NLCD 2001, and completely covers the watershed. I am using the lut provided with AGWA datafiles. I checked both soils and land cover data layers and there are no missing or incorrect values. As far as I can tell there should be soil and land cover data for every point in the watershed. Any idea what could be causing this?
Does it make any difference where the data files are located in relation to each other? I have some of my data stored on a different drive than the AGWA workspace.
Thanks!

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Re:Land Cover Status: FAILED
Posted by isburns - 2009/05/04 19:05

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The solution to this problem was discovered off-forum. The cause of the problem was the renaming of the land cover GRID in ArcMap. This does not rename the underlying GRID, it just renames the display name in the TOC, so when AGWA tries to establish a connection to the GRID using the display name it fails because it can't find it.

For the time being, do not rename any of the display names of any data, land cover or otherwise, used in AGWA. For a future release, I will look into seeing if this can be accommodated.

Shea

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Re:Land Cover Status: FAILED
Posted by Carlene - 2009/08/06 16:07

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Hi Shea,

I'm having the same problem and was wondering if you can take a look at my data?

The watershed of interest is in Guyana.

Regards,
Carlene
http://www.tucson.ars.ag.gov/agwa/images/fbfiles/files/Data-6decc6676ab7936b0af37edbf7cc5846.zip

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Re:Land Cover Status: FAILED

Posted by isburns - 2009/09/03 08:30

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Carlene,
I assume you made it past this problem since you got to the model execution and viewing results steps.
Did you identify what the problem was the was causing the "Land Cover Status: FAILED!" message?

Shea

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Re:Land Cover Status: FAILED

Posted by Carlene - 2009/09/03 16:09

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Yes I did, it was the landcover grid, the VALUE field wasn't corresponding to the CLASS field in the landcover lookup table I created.

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